



# POREX<sup>®</sup> Porous PTFE Medical Materials

Material Datasheet

## MD10

PARAMETERS	VALUE	UNIT OF MEASUREMENT
BACTERIAL FILTRATION EFFICIENCY	> 99.9%	ASTM F2101 <sup>1</sup> (nominal)
WATER ENTRY PRESSURE (WEP)	Min 175, Typical 270	mbar
AIR FLOW	Min 70, Typical 125	l/hr/cm <sup>2</sup> Δp 70mbar
THICKNESS	0.13	mm (nominal)

### ADDITIONAL INFORMATION

- Can be supplied in format of:
  - Rolls (10mm-330mm width) on 75mm core
  - Sheets
  - Discs
- Assembly suggestions:
  - Ultrasonic welding
  - Thermal welding
  - Over-moulding
  - Pressure sensitive Adhesive
  - Compression seal
- Sterilisation method:
  - Steam/Autoclave (repeated use)
  - EtO
- Raw material is compliant with:
  - FDA 21CFR 177.1550
  - USP 28, NF 23, 2005, for USP Class VI Plastics at 70°C



<sup>1</sup> ASTM F2101 was adapted to employ a more severe challenge. Test conditions and data available on request.

#### Disclaimer

This standard sample is for evaluation of form, fit, and function to determine product specification requirements for custom products. Please reference the values in our data sheet for specification guidelines of standard products. In Vitro Diagnostic (IVD), medical-surgical and pharmaceutical samples are for investigational use only and subject to specific application, test condition and regulatory requirements.



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